

Remarks/Arguments:

Claims 1, 3-13 and 16-41 are pending in the above-identified application. Claims 2 and 14-15 are cancelled. New claims 40 and 41 have been added.

Rejection in view of Mitchell

Claim 38 was rejected under 35 U.S.C. § 102 (e) as being unpatentable over Mitchell. Claim 38 is amended to include,

... a tuner for receiving a broadcast signal...

...a separator configured to separate MPEG data **from the broadcast signal**; and

a converter configured to convert the MPEG data **to a format for display on the interactive remote control unit...**

...wherein the operation data is a request for more information, including the MPEG data **separated from the broadcast signal...**(Emphasis added).

Basis for these amendments may be found, for example, in the specification at page 6, lines 4-5, page 6, lines 8-9 and Fig. 1.

The remote control device 204 in Mitchell transmits at step 504 a request signal to the STB 102 to request information. (Paragraph [0076]). This requested information includes supplemental content such as URL addresses, background information for television programs, video previews, and audio/video interviews with people associated with the program. (Para. [0042]). Mitchell does not, however, disclose that the supplemental content sent to the remote control device is content separated from the broadcast signal. Rather, the supplemental content in Mitchell is content received from the internet 108. (Para. [0022]). Thus, Mitchell does not disclose Applicants' claimed feature of "...a separator configured to **separate MPEG data from the broadcast signal...**"

In contrast, Applicants' exemplary embodiment includes "...a separator configured to **separate the MPEG data from the broadcast signal.**" (Page 6, lines 4-5 and Fig. 1). Thus,

the "...more information..." requested to be displayed on the remote controller 10 includes "...MPEG data from the broadcast signal..." and not from other sources such as the Internet.

Further, Mitchell discloses a converter 206 for converting digitally encoded (e.g., MPEG) television signals from the system 100 into signals of a form suitable **for use by the television** 202. (Para. [0028]). In contrast, Applicants' exemplary embodiment includes a converter 30 which changes the MPEG signal into a signal in a format to be accepted by the remote controller 10. (Page 6, lines 8-9). Thus, Applicants' exemplary embodiment includes "...a converter configured to convert the MPEG data **to a format for display on the interactive remote control unit...**" Mitchell does not disclose converting "...the MPEG data separated from the broadcast signal to **a format for display on the interactive remote control unit...**" Thus, claim 38 is allowable over the art of record.

Rejection in view of Haughawout et al. and Mitchell

Claims 1, 3-9, 13, 21, 23-24, 26-27 and 29 were rejected under 35 U.S.C. § 103 (a) as being unpatentable over Haughawout et al. and Mitchell.

As described above, Mitchell does not disclose the features of claim 38. Claim 1, while not identical to claim 38, includes features similar to those set forth above with regard to claim 1. Haughawout et al. does not disclose the features missing from Mitchell. Thus, claim 1 is also allowable over the art of record for reasons similar to those set forth above with regard to claim 38. Claims 3-9, 13, 21, 23-24, 26-27 and 29 are also allowable in view of their dependency from an allowable claim.

Rejection in view of Haughawout et al., Mitchell and Dimitrova et al.

Claims 10 and 11 were rejected under 35 U.S.C. § 103 (a) as being unpatentable over Haughawout et al., Mitchell and Dimitrova et al. Claims 10 and 11 are, however, allowable in view of their dependency from an allowable claim.

Rejection in view of Haughawout et al., Mitchell and Lilleness et al.

Claims 16-20, 22, 25 and 28 were rejected under 35 U.S.C. § 103 (a) as being unpatentable over Haughawout et al., Mitchell and Lilleness et al. Claims 16-20, 22, 25 and 28 are, however, allowable in view of their dependency from an allowable claim.

Rejection in view of Haughawout et al. and Chiang

Claims 30-34 and 36-37 were rejected under 35 U.S.C. § 103 (a) as being unpatentable over Haughawout et al. and Chiang. Haughawout et al. and Chiang do not however, disclose features of claim 30, namely:

... a receiver configured to receive a signal from the camera, the signal containing information **on an operating condition of the camera...**

The remote controller of Applicants' exemplary embodiment is configured to control a digital camera. The remote controller is configured to receive a signal from the camera containing information **on the operating condition of the camera** such as, for example, a zoom condition, a camera angle condition and a focusing condition. (Page 19, lines 9-11 and 12-14 and page 20, lines 4-6).

Examiner admits that Haughawout et al. does not include the feature of the device to be controlled being a camera and the signal containing information on an operating condition of the camera. Fig. 4 of Chiang shows a communication between remote controller 20 and digital camera 10. The communication includes the remote controller receiving an image signal from the digital camera and the digital camera receiving control information from the remote controller. As described in Chiang, the remote controller receives an image signal from the digital camera and displays the image on a display of the remote controller. Relevantly, the image is an image currently being viewed by the digital camera. A user may then input control information, such as control information to change a zoom of the digital camera or a focus of the digital camera, and the user views changes to the image viewed by the digital camera in response to the input control information. Thus, the remote controller receives an image signal and transmits control information. (Col. 3, lines 52-59; col. 4, lines 11-13; and col. 4, lines 46-63).

The Examiner argues that "...the user and Chiang can be remote from the camera yet still be able to view the captured image." (Office Action, page 13. lines 12-14). Applicants' remote controller is, however, configured to receive information **"...on an operating condition of the camera..." and not to receive an image signal.** Thus, instead of viewing on the display of the remote controller the image currently viewed by the camera, the user views **the current settings** of the digital camera. Thus, using Applicants' remote controller, the user views the current settings and can change the settings based on the current settings the user is viewing. Conversely, using Chiang's remote controller, the user views the image currently viewed by the digital camera and makes changes to the settings based on the image the user is viewing.

Applicants' claimed feature of "...the signal containing information **on an operating condition of the camera...**" is advantageous over the prior art because the user can change the current settings of a digital camera from a distance while viewing the current settings of the digital camera on the display of the remote controller. In this way, the user may use the current settings as a reference for changing the current settings.

Thus, neither Haughawout et al, nor Chiang, nor their combination, disclose or suggest all the features of claim 30. Claims 31-34 and 36-37 depend from claim 30. Accordingly, claims 31-34 and 36-37 are also allowable over the art of record.

Rejection in view of Haughawout et al., Chiang and Mitchell

Claim 35 was rejected under 35 U.S.C. § 103 (a) as being unpatentable over Haughawout et al., Chiang and Mitchell. Claim 35 is, however, allowable in view of its dependency from an allowable claim.

Rejection in view of Chiang and Mitchell

Claim 39 was rejected under 35 U.S.C. § 103 (a) as being unpatentable over Chiang and Mitchell. Claim 39 is, however, allowable in view of its dependency from an allowable claim.

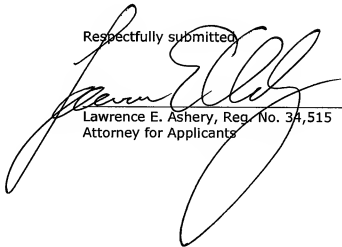
New claims 40 and 41 have been added. Basis for claim 40 may be found, for example in Fig. 15. Basis for claim 41 may be found, for example in Fig. 7.

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In view of the foregoing amendments and remarks, this Application is in condition for allowance which action is respectfully requested.

Respectfully submitted,



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